



From The Prez

July Meeting

Let's hope the weather graces our July picnic meeting with more of the summerlike climes we enjoyed at Field Day. A beautiful July evening may entice more folks to bring out the fixings and cook out on the roaring grille the early birds always get going for their fellow CARS members. We have seen an increased number of cookerouters as of late, so let's keep the number growing. It's a fun thing to do: don't pass up the opportunity.

Andy, KD8SCV, and Joe, KD8BAL, will do a presentation on the Slot-Cube antenna they have written about in the two previous *Wobbly Oscillators*. You may want to check out the two articles to review the concept.

Involvement

Several similar comments were spoken from members as Field Day ended. "I'm really surprised more members didn't come out." Some were more hopeful for the future, "Let's see what we can do to get more members out next year." The situation isn't much different for other CARS activities such as: meetings, the summer picnic, the Christmas party, the weekly nets, or even contributions to this newsletter. We have well over a hundred members in our club, but most activities only draw a minor percentage. We can start by asking fellow members who we rarely see to get involved. The club is here to enhance the enjoyment of the amateur radio hobby. There is no sense in passing up opportunity to do so.

More Tech

Many members thirst for ham radio knowledge and often suggest we do more technical meeting programs. Sounds good, let's do it. The program committee has several interesting ideas in mind. As mentioned, we will be doing so next week at the meeting. The next time you say "Let's have more technical or educational topics discussed at meetings," follow the thought through: be specific of what you would like to see and convey it to the Program Committee so they can get it organized and on the agenda.

73, Toby, WT8O

Cuyahoga Amateur Radio Society

June 11th 2019 Business Meeting Minutes

The CARS membership was called to order by President Toby Kolman, WT8O, at 7:30 PM on the 11th day of the month in the Brecksville Reservation, Harriet Keeler Pavilion. The Pledge of Allegiance was said and introductions were made by the members and guests. The May 14th, 2019 Business meeting minutes were approved as they appeared in the June 2019 *Wobbly Oscillator*.

Bob, W8GC, gave the report on the treasury balance.

The presentation this evening was by Jay Reynolds from Cleveland State University on the subject of "Our Sun, Our Star". The Business portion of the meeting followed his presentation at 8:20 PM.

Toby thanked everyone for their contributions to the WO. Toby also mentioned that the Club bus trip to Hamvention went very well. The Club will have a bus again next year.

The July and August CARS meetings will be in the Brecksville Metroparks at the Harriet Keeler Pavilion.

Mark, WJ8WM, reminded those in attendance to please pay your ARRL dues through the club. Mark also thanked the members who volunteered at the Seven Hills Memorial Day parade.

Arp, K8ARP, mentioned that the "Color Run" running event will be July 7th, 2019. The MS 150 (Buckeye Breakaway) is August 3rd, 2019. If you are interested in volunteering let Arp know. All Public Service events are listed on the Cuyahoga County ARES site at www.ccares.us as well as the CARS Facebook page.

Metro, W8MET, stated that the next VE session will be on July 14th, 2019.

Bill, KD8QBB, and Joe, KD8BAL, are moving ahead with presentations for the Club meetings. If you have contributions, let them know.

Toby thanked Rich, Ron, and Gordon for all their work handling the meeting refreshments.

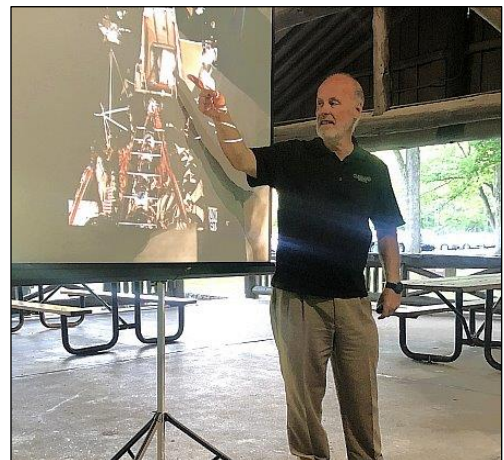
Larry, N8OWS, had nothing to report.

The Tech committee is close to completing the Internet installation at the Brecksville repeater location.

Old Business

Field Day this year is June 22nd and 23rd. The location is Calvin Park in Seven Hills. Let Toby know if you plan on attending and what mode you would like to work. Toby is looking for a Field Day "talk-in" operator on the 146.82 repeater as well as a Tour Guide and Photographer.

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Jay Reynolds speaking at the June meeting.

New Business

Toby is also looking for the following:

A NEW Summer picnic and Christmas Party committee member.

An individual to start the cookout fire in the Metroparks.

Let Toby know if you are interested in filling these positions.

Terry, KB8DTC, stated he had some information on Theft Prevention if anyone was interested.

There were 28 members and guests in attendance this evening.

Gary, NI8Z, won the 50/50 raffle this evening.

The meeting was adjourned at 8:42 PM.

Submitted by Larry Shimerka, N8OWS.

July Birthdays

George Pindroh, K8KR	7/5/42
Jim Bis, N8FND	7/9/45
Arp Viiberg, K8ARP	7/12/54
Bill Savage, W8GEO	7/27/40
Eric Schreiber, KE8MJI	7/28/49
Rich Williams, NW8X	7/30/37

Summer Picnic Andy, KD8SCV

Save Friday, August 2nd, 2019, on your calendars for the annual CARS summer picnic. We'll be serving up plenty of tasty burgers, hot dogs, brats, and side dishes at the Kiwanis Shelter, located behind the Independence Civic Center. Desserts are welcome!

Dinner begins at 6:00 pm, so plan to arrive by 5:30 pm. The picnic is free to all CARS members, their families, and guests. There will be prizes besides the fine array of traditional picnic food. Check the CARS website for more details.

Please RSVP to Andy Evridge, KD8SCV, with the number of guests you expect to bring by Monday, July 29th. E-mail is aevridge@gmail.com and telephone is 440-886-0723. See you there!

July Net Sked

JUL	3	AC8NW
JUL	10	K8RJH
JUL	17	KD8ACO
JUL	24	WT8O
JUL	31	N8OWS

Nets are run every Wednesday at 9:00 PM on 146.820 (PI 110.9)

Field Day Wrap-up Toby, WT8O

Judging from all the favorable comments on the Wednesday net after Field Day, those who participated had a heck of a good time. We couldn't have drawn up a better picture. Perfect weather, decent band conditions, no equipment failures, top shelf cuisine, not one mishap or minor injury, and Kumbaya-like harmony among all.

Every station on every mode did splendidly. Single Side Band, CW, and Digital all worked well steadily through the twenty-four hour operating period. Any visitor was able to get to get on the air using any mode he or she wished, backed up by an experienced operator. One major improvement over previous years was the reduction in interference between stations made by Ron, K8RJH, installing a counterpoise and a ferrite choke during the event. Ron also did a tremendous job networking and setting up the logging computers.

Bonus points are a big part of Field Day, as they display the many aspects of amateur radio. Once again, the CARS team captured the available Bonus Points in every category. To name a few, we had a station running on solar power, we handled traffic, copied the ARRL Bulletin, made satellite contacts, had a dedicated safety officer making sure we complied with the numerous requirements, and had site visitations the Seven Hills mayor and a Seven Hills police officer.



Bob, K8MD, racking up contacts overnight.

Of course, the coolest thing was WE GOT ON TV. We were on the Channel 19 News at 11:00 on Saturday. If you missed it we have a copy the clip available. Many thanks to Kelly Dobeck, KD8YVR, Channel 19 meteorologist, who edited the video and got her staff to get it into the show, her dad Mike, K8CKC, who took the videos at the Calvin Park, and our media representative Andy, KD8SCV, who coordinated the effort to get us on TV. That is a first for a CARS Field Day. Every year we submit press releases to the local media, but this is the first time we actually hit the big time. Thanks to you all.



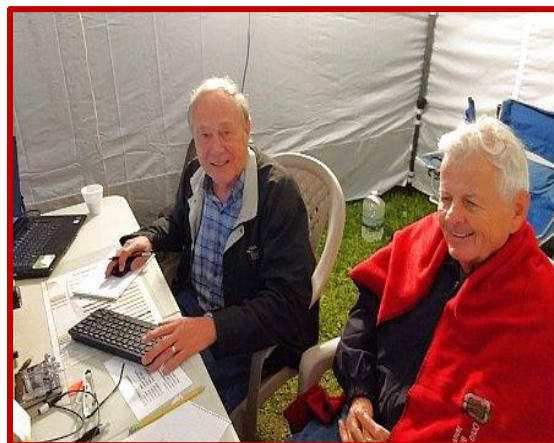
"In the still of the night"

I have done the full twenty-four hours at every CARS Field Day since 2002, and been in charge of every event for over twelve years. This year I had to cut my participation short due to illness and rely on the team to handle the event, and they handled it fantastically. They made it the best CARS Field Day in club history. When you see any of these guys shake their hand and let them know how appreciative you are of their efforts. The committee consisted of Mark, WJ8WM; Bob, K8RGI; Arp, K8ARP; Scott, AC8NW; Andy, KD8SCV; Dave, AC8TN, and Ron, K8RJH. All food preparation and procurement was exclusively accomplished to a restaurant quality level by our master cook and hero Bill, N8BBB.

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They say an army runs on its stomach, well so does a Field Day effort. Thanks Bill, we couldn't have done it without you. Joe, KD8BAL, and Joe, NC8J, volunteered as our safety officers and did a superb job. No one got hurt, period. Dick Robbins, WA8RR, drove up from Columbus and put on an excellent Educational Presentation describing the ultra-cool loop antenna he engineered and built.

Besides all those mentioned above who got on the mike and made contacts, we also thank those who operated and helped set-up and tear down: Bob, K8MD; David, KD8ACO; George, K8KR; Metro, W8MET; Linda, N8LRS; Eddie, KD8FTS; Byron, KF8UN; and Tom, KE8LRJ.



Ron, K8RJH, and Bob, K8RGI, banging out the CW contacts early Sunday morning.



Bob, WA8RR, educates the group on the details of the loop antenna he engineered and built.

Special thanks to Chuck Sisia, KE8ASN, who brought up members of Boy Scout troop 514 from Medina. The boys helped us make contacts and appeared in some great photos.

Only fifty-one weeks until next year's Field Day, and to those of you who missed it, please do your best to make it next year. You certainly won't regret it.



*Left:
The SSB station tents
glowed with energy
in the pitch black night.*

*Right:
The new CARS sign
Pointed the way to
The Field Day site.*



Member Profile Joe Berngartt NC8J

How did you become interested in ham radio?

I've been interested in radio since I was a kid, and was fascinated when a buddy got a CB radio. This was back in the days when CB operators were licensed. I met several hams during my teen years and was really interested, but was hesitant to take the tests because of the code requirements. I let it drop for several decades, and as I began to think about retiring I found my interest being rekindled. When I found out that the code requirements had been dropped, my response was "Why not try this out?"

What made you decide to take the test?

When did you get your license(s)?

When I decided to try Ham Radio out, my first step was to find online study aids to get ready for the tech exam. As soon as I felt like I was ready I looked around for a place to do that, and in March of 2011, I took and passed the test at the CARS VE session. Two months later, I was back and took and passed General. It took me longer to study for the Extra test, so it wasn't until November of 2011 that I took and passed it. One of my strong points is that I've always been good at taking tests and even though it had been a really long time for me it looks like that ability was still there.

What are your base station radios and antennas?

In my "shack" which is right now a very cluttered desk in a spare bedroom, is a Flex 6300 SDR for HF and 6 Meters, and a Yaesu FT8800 for 2 meters and 70 cm. I also have a Yaesu FT 897 that I keep as a backup rig in case something happens to my primary radios and a Yaesu VX-6 HT for portable use. Antennas are a Chameleon EMCOM 2 end fed wire for HF and a J Pole for 2M, 70 CM.

What are your favorite on air activities?

I enjoy HF digital, particularly FT8 and am occasionally on the weekly club nets. I'm working on getting my DXCC. I've already managed Worked All States and Worked all Continents. I've got another 35-40 countries to go on the DXCC. Since I've always lived in space limited places, I enjoy seeing what I can do without the bigger antennas others are able to put up.

CARS Repeaters

146.820 PL Tone 110.9

Main Site – Brecksville

Receive Only Site – Brunswick

Receive Only Site – Shaker Hts.

443.825 PL Tone 131.8

Digital Yaesu Fusion

Linked to 146.82 Repeater

Brecksville

444.75 Receive PL Tone 131.8

449.75 Transmit

Stand-alone Not Linked

Shaker Hts.

RadioSport

Contests

July 13 1200–July 14 1200 **IARU HF World Championship** 1.8-28CW Ph www.arrl.org/iaru-hf-championship

Exchange: RS(T), ITU zone (HQ stations: send IARU Society)

July 20 1800 – July 21 2100 **CQ Worldwide VHF Contest** 50, 144 CW Ph Dig www.cqww-vhf.com

Exchange: 4-char grid square

Special Events Stations

July 4 1500 - 2000 **W7PX** Missoula, MT. The Hellgate Amateur Radio Club

Fourth of July Special Event 14.245 14.074 www.w7px.org

July 14-July 20 1200-2359 **WB4ICJ** Geneseo, IL. 50th Anniversary First Manned Lunar Landing Group

50th Anniversary of the First Manned Lunar Landing SSB and FT8, 80, & 20 meters www.wb4icj.com

July 20 - July 21 1300 - 1700 **K9MOT** Schaumburg, IL. Motorola Amateur Radio Club

Man on the Moon First Communication to Earth-50 Years SSB 28.465 14.245 7.230 3.83

CW 14.010 7.043 3.543 Certificate www.qsl.net/k9mot

QSO Parties

July 1 0001 – July 7 2359 **10-10 International Spirit of 76 QSO Party** 28 CW Ph Dig www.ten-ten.org

Exchange: Name, mbr or "0", SPC

July 20 1800 - July 21 0559 **North American QSO Party, RTTY** 3.5-28 Dig www.ncjweb.com

Exchange: Name, SPC (State or Province) / DC

Sampling from July, 2019 QST - Pg. 85, 97, and 98, see QST for many more events.

All times in GMT ZULU time

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14th ANNUAL CARS PICNIC

SAVE THE DATE: Friday August 2, 2019 will be the CARS annual picnic. We will again be in the **Kiwanis Pavilion** behind the Independence Civic Center. We will serve hamburgers, hotdogs, brats, potato salad, Cole slaw plus all the trimmings. Desserts are welcome! Feel free to bring one.

There will be a check-in on 146.820 with prizes starting at 5:00pm. There will be several door prizes for the winners of our drawings.

The picnic is FREE to all CARS members, family & friends! All we ask is you tell us how many will be coming on or before Monday July 29th. Arrive anytime after 5:30pm to eat about 6:00pm.

Toby, WT8O will present a check to our 2019 Scholarship Award winner.

We need to know how many will be coming PLEASE Email your numbers to Andy, KD8SCV at: aevridge@gmail.com or call 440-886-0723 ASAP!

